

# MULTI-MODE PORTABLE ELECTRONIC APPARATUS AND METHOD FOR THE MULTI-MODE PORTABLE ELECTRONIC APPARATUS TO OUTPUT AV SIGNALS

## Abstract

A multi-mode portable electronic apparatus includes an AV signal display device for displaying AV signals, a processor, an AV signal generator for generating the AV signals, a receiving port for receiving external AV signals, a selecting module for selecting whether to output the AV signals generated by the AV signal generator or the external AV signals received via the receiving port, and a memory for storing an OS. When the OS is not started and the AV signals generated by the AV signal generator are selected to be output, start the OS first so that the AV signals generated by the AV signal generator can be output. If the external AV signals received via the receiving port are selected to be output, then the external AV signals can be processed by the processor and output to the AV signal display device without the OS.